

**WHAT IS CLAIMED IS:**

1. A synchronous drug delivery composition comprising:

a polymeric matrix which comprises

- 1) A hydrogel polymer, wherein said hydrogel polymer is blended with a hydrophobic polymer, so as to form an erodible matrix;
- 2) a drug;

wherein erosion of said erodible matrix, permits synchronous release of said drug and said hydrogel polymer.

2. A synchronous drug delivery composition comprising:

a polymeric matrix which comprises

- 1) A hydrogel polymer, wherein said hydrogel polymer is blended with a hydrophobic polymer, so as to form an erodible matrix;
- 2) a drug; and
- 3) an agent which enhances intestinal drug absorption;

wherein erosion of said erodible matrix permits synchronous release of said drug and said agent.

3. A synchronous drug delivery composition comprising:

a polymeric matrix which comprises

- 1) A hydrogel polymer, wherein said hydrogel polymer is blended with a hydrophobic polymer, so as to form an erodible matrix;
- 2) a drug; and
- 3) an agent which inhibits intestinal drug degradation;

wherein erosion of said erodible matrix permits synchronous release of said drug and said agent.

4. A synchronous drug delivery composition comprising:  
a polymeric matrix which comprises
- 1) A hydrogel polymer, wherein said hydrogel polymer is blended with a hydrophobic polymer, so as to form an erodible matrix;
  - 2) a drug;
  - 3) an agent which inhibits intestinal drug degradation; and
  - 4) an agent which enhances intestinal drug absorption;

wherein erosion of said erodible matrix permits synchronous release of said drug, said agent which enhances drug absorption and said agent which inhibits drug degradation.

5. A pharmaceutical composition comprising the synchronous drug delivery composition of claim 1 and a carrier or diluent.

6. A pharmaceutical composition comprising the synchronous drug delivery composition of claim 2 and a carrier or diluent.

7. A pharmaceutical composition comprising the synchronous drug delivery composition of claim 3 and a carrier or diluent.

8. A pharmaceutical composition comprising the synchronous drug delivery composition of claim 4 and a carrier or diluent.

9. A drug delivery composition according to claim 1, wherein the composition is in the form of a plain matrix tablet.

10. A drug delivery composition according to claim 2, wherein the composition is in the form of a plain matrix tablet.

11. A drug delivery composition according to claim 3, wherein the composition is in the form of a plain matrix tablet.
12. A drug delivery composition according to claim 4, wherein the composition is in the form of a plain matrix tablet.
13. A drug delivery composition according to claim 1, wherein the composition is in the form of a multilayer tablet.
14. A drug delivery composition according to claim 2, wherein the composition is in the form of a multilayer tablet.
15. A drug delivery composition according to claim 3, wherein the composition is in the form of a multilayer tablet.
16. A drug delivery composition according to claim 4, wherein the composition is in the form of a multilayer tablet.
17. A drug delivery composition according to claim 1, wherein the composition is coated with an enterocoating.
18. A drug delivery composition according to claim 2, wherein the composition is coated with an enterocoating.
19. A drug delivery composition according to claim 3, wherein the composition is coated with an enterocoating.

20. A drug delivery composition according to claim 4, wherein the composition is coated with an enterocoating.
21. A method of synchronically release a drug and an agent which enhances intestinal drug absorption comprising the step of administering the composition of claim 2.
22. A method of synchronically release a drug and an agent which inhibits intestinal drug degradation comprising the step of administering the composition of claim 3.
23. A method of synchronically release a drug, an agent which inhibits intestinal drug degradation and an agent which enhances intestinal drug absorption comprising the step of administering the composition of claim 4.
24. A method of increasing the bioavailability of a drug comprising the step of administering the drug delivery composition according to claim 1.
25. A method of increasing the bioavailability of a drug comprising the step of administering the drug delivery composition according to claim 2.
26. A method of increasing the bioavailability of a drug comprising the step of administering the drug delivery composition according to claim 3.
27. A method of increasing the bioavailability of a drug comprising the step of administering the drug delivery composition according to claim 4.